



AWP Conference

October 26 - 27, 2021

awpconference.com

Keynote: Engineering & AWP - The Final Frontier



"Construction Week Tonight"

For the opening plenary session on Day 2 of the AWP Conference, O3's CEO Josh Girvin played Burt Reynolds the show host. He interviewed many "special guests" to emphasize the importance and value of Engineering teams adopting the AWP best practice. This entertaining format delivered many key points captured here. For more information about the session, contact O3 at info@o3.solutions or visit our website www.o3.solutions for a full event recap.

AWP IS A JOURNEY



AWP is a journey, and everyone's journey will be different. We have seen that there are still a number of interpretations about what AWP is, and how it should be implemented on a project.

CREATING A CONTRACTING STRATEGY

The AWP disconnect comes down to contracting strategy. Engineering contractors are incentivized and rewarded for carrying out their scope of work in as short a time as possible, and expend as few hours as possible doing so.



"WE NEED MORE HOURS" - REWARDING ENGINEERS WHO ADOPT AWP

Owners need to incentivize performance that supports the project goals, not just the contractor's goals. Owners should also identify and budget for construction influence in the early stages, otherwise you just keep fighting a juggernaut that is already moving too fast to meaningfully adjust.

WHAT'S NEEDED TO MAKE AWP WORK FOR ENGINEERING?

- **Data Requirements** - If it is included in the bid process, and acknowledged as a deliverable, it is much easier to enforce.
- **Owner-Defined AWP** - Owners need to be very clear on what it means, how it is achieved, and who does what.
- **Collaboration** - Owners need to bring engineering and construction into a room together and facilitate the discussion.



TRAINING AND MONEY



Include AWP training, so Engineers understand that AWP isn't going to flip their world upside down. Focus on what **doesn't** change for them – that is almost never discussed.

Reward Engineering for participating. Engineers are going to do what is important to their company. No engineering project manager wants to go to their senior management team and say that they missed out on an incentive from the owner because they didn't bother to make good Engineering Work Packages, or because they couldn't agree on the Path of Construction with the construction contractor. Engineers love to problem solve. Invite them to be part of the solution.

AWP BENEFITS EVERYONE

AWP is not just about construction. If done well, the best practice can be a significant benefit to Engineering, regardless of the plans for field execution. When Engineering embraces the change, we can start to see improvements that will benefit everyone.

AWP + ENGINEERING LEVELS OF MATURITY

Level 0 - Status Quo

Level 1 - AWP to support Workface Planning

Level 2 - AWP to support Basic AWP

Level 3 - AWP to Benefit Engineering Directly (fully embraced AWP)



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